Task A

Step 1.) To create the 6 users I typed in the command **"sudo useradd ____". This command allows you to create a user and export the shadow file. After creating the users, to create a password for each I typed in the command "sudo passwd ____". This command allows me to set a password for each user.

For example: sudo useradd Bob

sudo passwd Bob

For each user I created the following passwords:

User 1: Bob

Password: apple

User 2: Susie

Password: 2022

User 3: Dave

Password: tree23

User 4: Fred

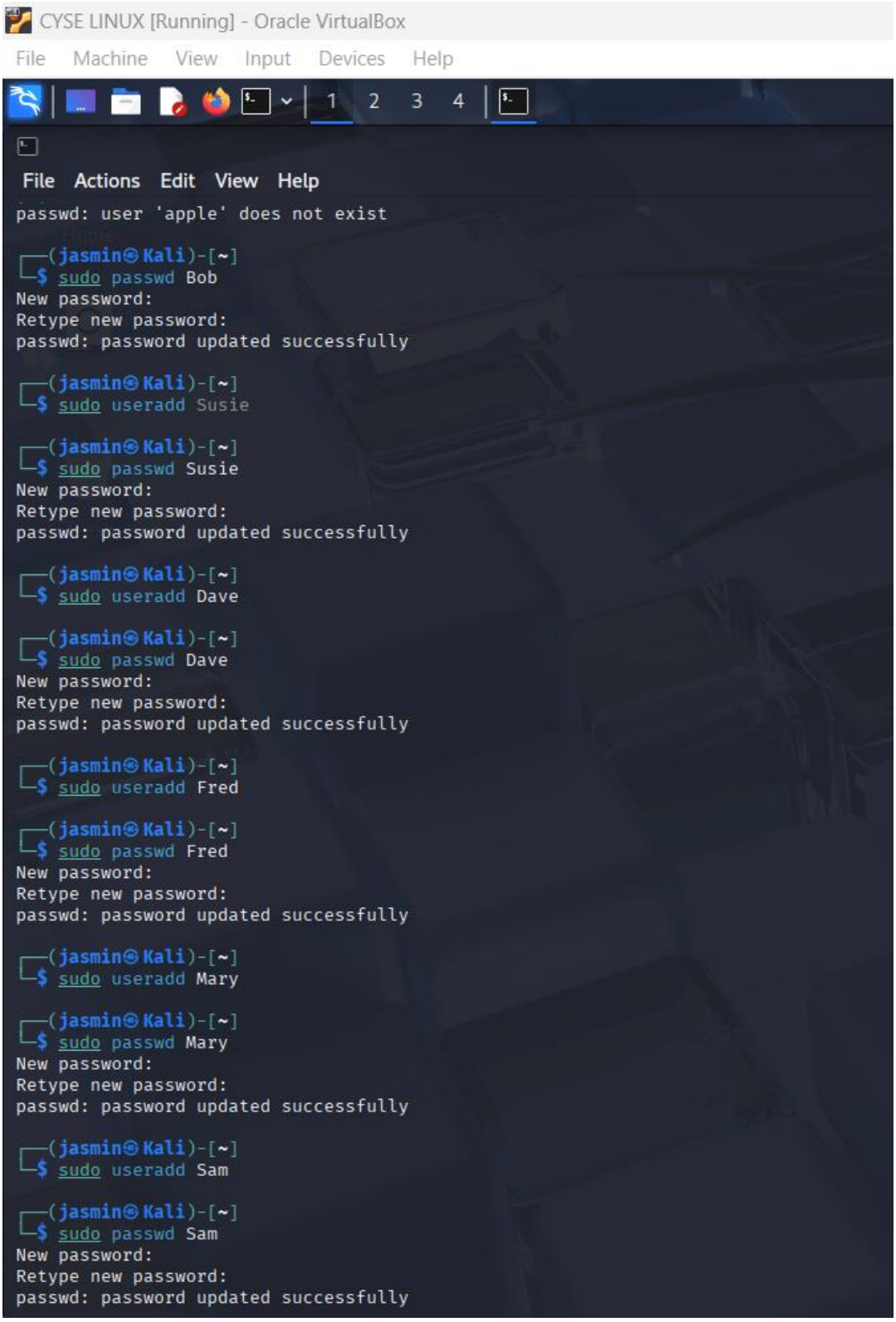
Password: banana1!*

User 5: Mary

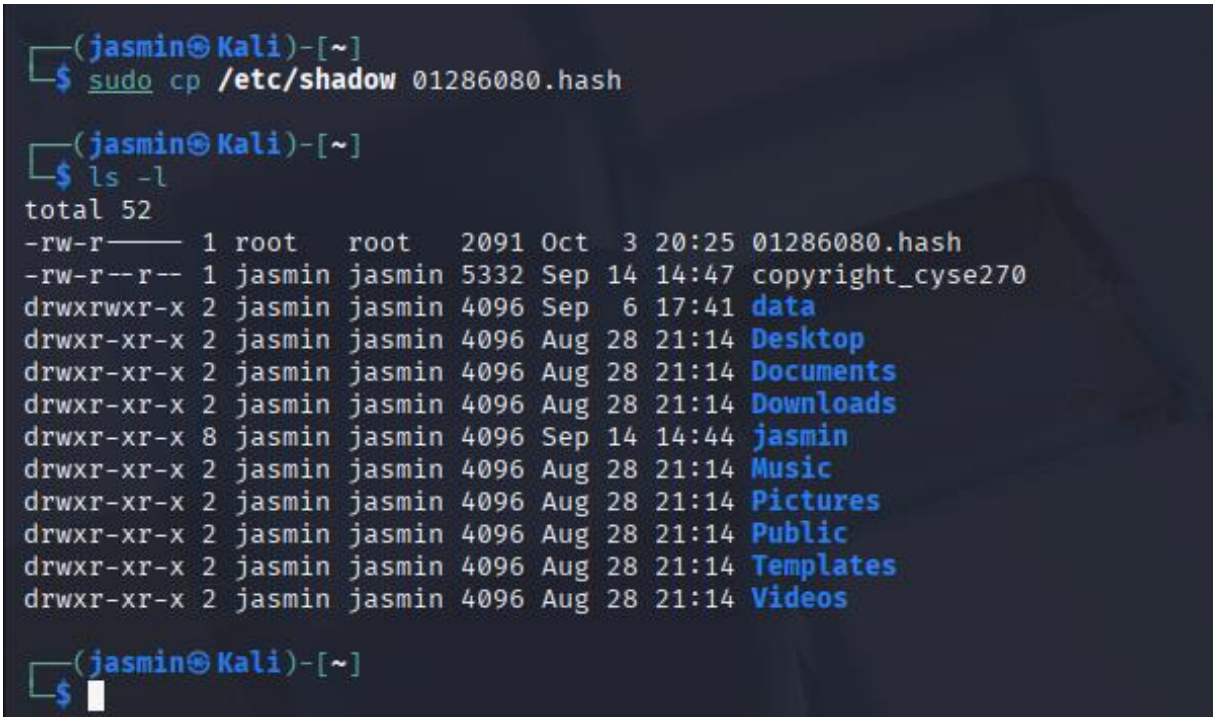
Password: Fall25

User 6: Sam

Password: Summer25!


CYSE LINUX [Running] - Oracle VirtualBox
File Machine View Input Devices Help
1 2 3 4
File Actions Edit View Help
passwd: user 'apple' does not exist
(jasmin㉿Kali)-[~]
$ sudo passwd Bob
New password:
Retype new password:
passwd: password updated successfully
(jasmin㉿Kali)-[~]
$ sudo useradd Susie
(jasmin㉿Kali)-[~]
$ sudo passwd Susie
New password:
Retype new password:
passwd: password updated successfully
(jasmin㉿Kali)-[~]
$ sudo useradd Dave
(jasmin㉿Kali)-[~]
$ sudo passwd Dave
New password:
Retype new password:
passwd: password updated successfully
(jasmin㉿Kali)-[~]
$ sudo useradd Fred
(jasmin㉿Kali)-[~]
$ sudo passwd Fred
New password:
Retype new password:
passwd: password updated successfully
(jasmin㉿Kali)-[~]
$ sudo useradd Mary
(jasmin㉿Kali)-[~]
$ sudo passwd Mary
New password:
Retype new password:
passwd: password updated successfully
(jasmin㉿Kali)-[~]
$ sudo useradd Sam
(jasmin㉿Kali)-[~]
$ sudo passwd Sam
New password:
Retype new password:
passwd: password updated successfully

Step 2.) To export the users hashes into a file named **01286080.hash** I typed in the command **sudo cp /etc/shadow 01286080.hash**. This command allows me to export the shadow file containing the passwords to the hash file. Afterwards, to confirm that the command was executed properly, I typed in the command **ls -l** and saw that the 01286080.hash file populated.



Step 3. After exporting the files, I entered the command **sudo john –format=crypt 01286080.hash –wordlist=home/student/rock.txt**, which is a command used to crack the passwords and this was my result.